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ATTN: INFORMAL

Date: July 16, 2004

FACSIMILE COVER LETTER

Facsimile Number: (703) 746-5880

To: Examiner J. Evans  
Group Art Unit 2652, USPTO

From: Debbie Labriny  
Secretary to Mr. Daniel J. Stanger  
MATTINGLY, STANGER & MALUR, P.C.

Re: USSN 10/687,754  
Attorney Docket No.: ASA-345-09

Comments:

Dear Examiner Evans:

Pursuant to our telephone conversation on July 15, 2004,  
please find attached a copy of the Information Disclosure  
Statement and PTO-1449 filed on October 20, 2003.

Thank you.

Total Number of Pages (including cover sheet): 6

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If the facsimile you receive is incomplete or illegible,  
please CALL (703) 684-1120. Thank you.

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ASA-345-09

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Prior Application: H. TAKANO et al  
Serial No. 10/340,785  
Filed: January 13, 2003

JUL 16 2004

Group Art: 2652  
Examiner: J. Evans  
For: NARROW TRACK THIN FILM MAGNETIC HEAD AND  
FABRICATION METHOD THEREOF

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

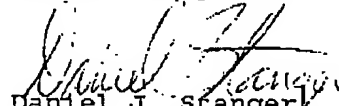
October 20, 2003

Sir:

In accordance with the duty of disclosure, the Applicants inform the Examiner of the documents cited during prosecution of the parent application, USSN 10/340,785.

The Applicants request the Examiner to initial and return a copy of the attached PTO-1449 form as an indication that the references have been considered.

Respectfully submitted,

  
Daniel J. Stanger  
Registration No. 32,846  
Attorney for Applicant(s)

MATTINGLY, STANGER & MALUR, P.C.  
1800 Diagonal Road, Suite 370  
Alexandria, Virginia 22314  
Telephone: (703) 684-1120  
Facsimile: (703) 684-1157  
Date: October 20, 2003

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Sheet 1 of 5

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. ASA-345-09		SERIAL NO.	
LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT H. TAKANO et al			
				FILING DATE 10/20/03		GROUP 2652	
<b>U.S. PATENT DOCUMENTS</b>							
* EXAMINER INITIAL	DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)	
	AA 5,189,580	02/23/93	Pisharody et al				
	AB 5,612,843	03/18/97	Packard				
	AC 5,663,856	09/02/97	Packard				
	AD 5,675,461	10/07/97	Aylwin et al				
	AE 5,285,340	02/08/94	Ju et al				
	AF 4,325,093	04/13/82	Ishii				
	AG 5,016,342	05/21/91	Pisharody et al				
	AH 5,168,409	12/01/92	Koyama et al				
	AI 4,907,113	03/1990	Mallory				
	AJ 5,079,662	01/1992	Kawakami et al				
	AK 5,245,493	09/1993	Kawabe et al				
<b>FOREIGN PATENT DOCUMENTS</b>							
	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	AL 58-212615	12/1983	Japan			<input type="checkbox"/>	<input type="checkbox"/>
	AM 59-178609	10/09/84	Japan			<input type="checkbox"/>	<input type="checkbox"/>
	AN 59-71124	04/21/84	Japan			<input type="checkbox"/>	<input type="checkbox"/>
	AO 1277313	11/07/89	Japan			<input type="checkbox"/>	<input type="checkbox"/>
	AP 51-44917	04/16/76	Japan			<input type="checkbox"/>	<input type="checkbox"/>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	AR	IEEE Transaction on Magnetics, Vol. 24, No. 6, November 1984, pp. 2841-2843.					
	AS	IBM Technical Disclosure Bulletin, Vol. 31, No. 3, August 1988, "Film Head Structure", Optimized for writing.					
	AT	IBM Technical Disclosure Bulletin, Vol. 24, No. 7A, December 1981, p. 3197.					
EXAMINER				DATE CONSIDERED			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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Sheet 2 of 5

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. ASA-345-09		SERIAL NO.	
LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT H. TAKANO et al		GROUP	
				FILING DATE 10/20/03		2652	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
	AA	4,796,126	01/03/89	Tsuchiya et al			
	AB	4,807,074	02/21/89	Kamo			
	AC	4,967,298	10/30/90	Mowry			
	AD	4,974,106	11/27/90	White et al			
	AE	4,974,110	11/27/90	Kanamine et al			
	AF	4,975,794	12/04/90	Losee et al			
	AG	4,984,114	01/08/91	Takeuchi et al			
	AH	5,019,930	05/28/91	Takeya			
	AI	5,020,213	06/04/91	Aronoff et al			
	AJ	5,083,365	01/28/92	Matsumoto			
	AK	5,105,529	04/21/92	Yasar et al			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL	1-189016A	07/28/89	Japan			<input type="checkbox"/> <input type="checkbox"/>
	AM	1295421A	11/19/89	Japan			<input type="checkbox"/> <input type="checkbox"/>
	AN	63-009008	06/30/86	Japan			<input type="checkbox"/> <input type="checkbox"/>
	AO	144150	06/12/85	Europe			<input type="checkbox"/> <input type="checkbox"/>
	AP	340882	11/08/89	Europe			<input type="checkbox"/> <input type="checkbox"/>
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
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	AS						
	AT						
EXAMINER				DATE CONSIDERED			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. ASA-345-09		SERIAL NO.	
LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT H. TAKANO et al			
				FILING DATE 10/20/03		GROUP 2652	
U.S. PATENT DOCUMENTS							
* EXAMINER INITIAL		DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
	AA	5,116,719	05/26/92	Gau			
	AB	5,402,295	03/28/95	Suzuki et al			
	AC	5,404,260	04/04/95	Machui et al			
	AD	4,939,604	07/03/90	Fukuda et al			
	AE	5,181,149	01/1993	Katsumata et al			
	AF	5,218,497	06/1993	Tanabe et al			
	AG	5,515,221	05/1996	Gill et al			
	AH	5,541,793	07/1996	Schwarz			
	AI	6,339,524	01/2002	Furusawa et al			
	AJ	6,342,993	01/2002	Sato			
	AK						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL	63-317920	12/26/88	Japan			<input type="checkbox"/> <input type="checkbox"/>
	AM	63-298808	12/06/88	Japan			<input type="checkbox"/> <input type="checkbox"/>
	AN	52-14410	02/03/77	Japan			<input type="checkbox"/> <input type="checkbox"/>
	AO	53-139515	12/05/78	Japan			<input type="checkbox"/> <input type="checkbox"/>
	AP	59-16115	01/27/84	Japan			<input type="checkbox"/> <input type="checkbox"/>
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
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	AT						
EXAMINER				DATE CONSIDERED			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Sheet 5 of 5

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U.S. PATENT DOCUMENTS							
* EXAMINER INITIAL		DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
	AA						
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	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL	4020206	01/10/91	Germany			<input type="checkbox"/> <input type="checkbox"/>
	AM	1-211312	08/24/89	Japan			<input type="checkbox"/> <input type="checkbox"/>
	AN	53-9008	01/14/88	Japan			<input type="checkbox"/> <input type="checkbox"/>
	AO						<input type="checkbox"/> <input type="checkbox"/>
	AP						<input type="checkbox"/> <input type="checkbox"/>
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR						
	AS						
	AT						
EXAMINER				DATE CONSIDERED			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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